

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Currently Amended) A data processing system for controlling access of at least one user to stored data, the data processing system comprising:
  - means, responsive to a request from the user to access a set of the stored data that is available to the at least one user, for authenticating the user;
  - means, responsive to successful authentication, for decrypting ~~an encrypted data structure~~ a user specific table associated with the user, wherein the user specific table identifies the set; ~~data structure comprises data associated with the set~~; and
  - means, responsive to successful decryption, for accessing the set.
2. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 1, wherein the ~~data associated with the set~~ user specific table comprises data associated with the location of the set.
3. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 1, wherein the set is encrypted and the ~~data associated with the set~~ user specific table comprises data associated with decryption of the set.
4. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 1, wherein the set comprises all of the stored data.
5. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 1, wherein the set comprises a portion of the stored data.
6. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 1, wherein the user request is initiated by presentation of a token by the user.
7. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 6, wherein the token comprises means associated with ~~[[the]]~~ an identity of the user.
8. (Currently Amended) ~~[[A]] The data processing system as claimed in~~ [[A]] The data processing system ~~as claimed in~~ of claim 7, wherein the means associated with the identity of the user is derived from one or more biometric characteristics associated with the user.

9. (Currently Amended) [[A]] The data processing system as claimed in of claim 6, wherein the token comprises the means for decrypting.

10. (Currently Amended) [[A]] The data processing system as claimed in of claim 1, wherein the stored data is capable of access by more than one user[,], and wherein the system further comprises:  
means for accessing a data structure comprising data associated with each user of the more than one users.

11. (Currently Amended) A method [[for]] of controlling access [[of]] by at least one user to stored data via a data processing system, the method comprising the steps of:

in response to a request from the user to access a set of the stored data that is available to the user, authenticating the user;

in response to successful authentication, decrypting ~~an encrypted data structure a user specific table~~ associated with the user, wherein the user specific table identifies the set; ~~data structure comprises data associated with the set~~; and

in response to successful decryption, accessing the set.

12. (Currently Amended) A computer program on a tangible medium, wherein the computer program comprises: ~~comprising program code means adapted to perform the steps of claim 11, when said program is run on a computer.~~

first computer readable instructions for, in response to in response to a request from the user to access a set of the stored data that is available to the user, authenticating the user;

second computer readable instructions for, in response to successful authentication, decrypting a user specific table associated with the user, wherein the user specific table identifies the set;  
and

third computer readable instructions for, in response to successful decryption, accessing the set.

13. (New) The data processing system of claim 1, wherein the data processing system includes a corresponding additional user specific table for each additional user of the at least one user, wherein the means for decrypting also comprises means for attempting to decrypt, in turn, each of the corresponding additional user specific tables as well as the user specific table until a successful decryption occurs.

14. (New) The data processing system of claim 13, wherein means for authenticating the user further comprises means for pointing the user to an unencrypted table that stores a corresponding location of each user specific table for each user of the at least one user.

15. (New) The method of claim 11, wherein a corresponding additional user specific table is provided for each additional user of the at least one user, and wherein the method further comprises:

attempting to decrypt, in turn, each corresponding additional user specific table as well as the user specific table until a successful decryption occurs.

16. (New) The method of claim 15, further comprising:

pointing the user to an unencrypted table that stores a corresponding location of each user specific table for each user of the at least one user.

17. (New) The computer program of claim 12 wherein a corresponding additional user specific table is provided for each additional user of the at least one user, and wherein the computer program further comprises:

fourth computer readable instructions for attempting to decrypt, in turn, each corresponding additional user specific table as well as the user specific table until a successful decryption occurs.

18. (New) The computer program of claim 17, further comprising:

fifth computer readable instructions for pointing the user to an unencrypted table that stores a corresponding location of each user specific table for each user of the at least one user.